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Substitute for form 1449A/PTO		INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
				Application Number	09/230,195
				Filing Date	December 10, 1999
				First Named Inventor	Rybak, et al.
				Group Art Unit	1633
				Examiner Name	Eleanor Sorbello
(use as many sheets as necessary)					
Sheet	1	of	3	Attorney Docket Number	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

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Application Number	09/230,195
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Group Art Unit	1633
Examiner Name	Eleanor Sorbello
Attorney Docket Number	015280-284100US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
B	AA	Europe	0334301	A1	VIAGNE, INC.	09/27/89	pg. 13, col. 23, ln. 32 - col. 24, ln 8; pg. 14, col. 26, ln. 47; pg. 15, col. 27, ln. 1	<input type="checkbox"/>
B	AB	Europe	0334301	B1	CHIRON CORP	09/27/89		<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

**Examiner
Signature**

Eden Kelly

Date Considered

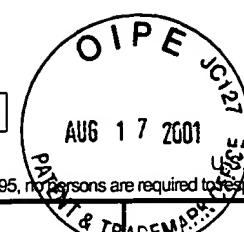
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PATENT & TRADEMARKS

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Application Number	09/230,195
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Examiner Name	Eleanor Sorbello
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AK	AC	Akkina, et al. "High-Efficiency Gene Transfer into CD34 ⁺ Cells with a Human Immunodeficiency Virus Type 1-Based Retroviral Vector Pseudotyped with Vesicular Stomatitis Virus Envelope Glycoprotein G" <i>J. of Virology</i> 4/96 Vol. 70 (4) pp. 2581-2585	<input type="checkbox"/>
	AD	Bahner, et al. "Comparison of trans-Dominant Inhibitory Mutant Human Immunodeficiency Virus Type 1 Genes Expressed by Retroviral Vectors in Human T Lymphocytes" <i>J. of Virology</i> 6/93 Vol. 67 (6) pp. 3199-3207	<input type="checkbox"/>
	AE	Brenner, Malcom, K. "Gene Transfer into Human Hematopoietic Progenitor Cells: A Review of Current Clinical Protocols" <i>J. of Hematology</i> (1993) Vol. 2 pp. 7-17	<input type="checkbox"/>
	AF	Chang, et al. "Regulation by HIV Rev Depends upon Recognition of Splice Sites" <i>Cell</i> 12/1989 Vol. 59 pp. 789-795	<input type="checkbox"/>
	AG	D'Agostino, et al. "The Rev Protein of Human Immunodeficiency Virus Type 1 Promotes Polysomal Association and Translation of gag/pol and vpu/env mRNAs" <i>Molecular and Cellular Biology</i> 3/92 Vol. 12 (3) 1375-1386	<input type="checkbox"/>
	AH	Felber, et al. "Rev Protein of Human Immunodeficiency Virus Type 1 Affects the Stability and Transport of the Viral mRNA" <i>Proc. Natl. Acad. Sci.</i> 03/1989 Vol. 86 pp.1495-1499	<input type="checkbox"/>
	AI	Feinberg, et al. "Intracellular Immunization: Trans-Dominant Mutants of HIV Gene Products as Tools for the Study and Interruption of Viral Replication" <i>AIDS Research and Human Retroviruses</i> (1992) Vol. 8 (6) pp. 1013-1022	<input type="checkbox"/>
	AJ	Ghattas, et al. "The Encephalomyocarditis Virus Internal Ribosome Entry Allows Efficient Coexpression of Two Genes from a Recomb Provirus in Cultured Cells and in Embryos" <i>Molecular and Cellular Biology</i> 12/91 Vol 11 pp. 5848-5859	<input type="checkbox"/>
	AK	Hsieh, et al. "Improved Gene Expression by a Modified Bicistronic Retroviral Vector" <i>Biochemical and Biophysical Research Communication</i> 09/1995 Vol. 214 (3) pp. 910-917	<input type="checkbox"/>
	AL	Itoh, et al. "HTLV-1 rex and HIV-1 rev Act Through Similar Mechanisms to Relieve Suppression of Unspliced RNA Expression" <i>Oncogene</i> (1989) Vol. 4 pp. 1275-1279	<input type="checkbox"/>
AM	AM	Levine, et al. "Efficient Gene Expression in Mammalian Cells from a Dicistronic Transcriptional Unit in an Improved Retroviral Vector" <i>Gene</i> (1991) Vol. 108 pp. 167-174	<input type="checkbox"/>

Examiner Signature

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Date Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ES	AN	Moore, Malcolm, A.S. "Ex Vivo Expansion and Gene Therapy Using Cord Blood CD34+ Cells" <i>Journal of Hemotherapy</i> (1993) Vol. 2 pp. 221-224	<input type="checkbox"/>
	AO	Nabel, et al. "A Molecular Genetic Intervention for AIDS - Effects of a Transdominant Negative for Rev" <i>Human Gene Therapy</i> (1994) Vol. 5 pp. 79-80	<input type="checkbox"/>
	AP	Naldini, et al. "In Vivo Gene Delivery and Stable Transduction of Nondividing Cells by a Lentiviral Vector" <i>Science</i> 4/96 Vol. 272 ppl 263-267	<input type="checkbox"/>
	AQ	Poeschla, et al. "Development of HIV Vectors for Anti-HIV Gene Therapy" <i>Proc. Natl. Acad. Sci.</i> 10/1996 Vol. 93 pp.11395-11399	<input type="checkbox"/>
	AR	Tan, et al. "Inhibitory Activity of the Equine Infectious Anemia Virus Major 5' Splice Site in the Absence of Rev" <i>J. of Virology</i> 06/1996 Vol. 70 (6) pp. 3645-3658	<input type="checkbox"/>
	AS	Thierry, et al. "Systemic Gene Therapy: Biodistribution and Long-term Expression of a Transgene in Mice" <i>Proc. Natl. Acad. Sci.</i> 10/95 Vol. 92 pp. 9742-9746	<input type="checkbox"/>
	AT	Trono, et al. "HIV-1 Gag Mutants Can Dominantly Interfere with the Replication of the Wild-Type Virus" <i>Cell</i> 10/89 Vol. 59 pp.113-120	<input type="checkbox"/>
	AU	Venkatesh, et al. "Selective Induction of Toxicity to Human Cells Expressing Human Immunodeficiency Virus Type 1 Tat by a Conditionally Cytotoxic Adenovirus Vector" <i>Proc. Natl. Acad. Sci.</i> 11/1990 Vol. 87 pp.8746-8750	<input type="checkbox"/>
	AV	Youle, et al. "RNase Inhibition of Human Immunodeficiency Virus Infection of H9 Cells" <i>Proc. Natl. Acad. Sci.</i> 6/94 Vol. 91 pp. 6012-6016	<input type="checkbox"/>
	AW	Yu, et al. "Progress Towards Gene Therapy for HIV Infection" <i>Gene Therapy</i> (1994) Vol. 1 pp. 13-26	<input type="checkbox"/>
↓	AX	Zenke, et al. "Receptor-mediated Endocytosis of Transferrin-polycation Conjugates: An Efficient Way to Introduce DNA into Hematopoietic Cells" <i>Proc. Natl. Acad. Sci.</i> 05/90 Vol. 87 pp. 3655-3659	<input type="checkbox"/>

Examiner Signature	<i>Rybak</i>	Date Considered	10-31-01
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